



PATENT
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APPLICANT(S): Goto et al.
SERIAL NO.: 09/338,063 GROUP NO.: 1644
FILING DATE: June 23, 1999 EXAMINER: Ewoldt, G.
TITLE: NOVEL PROTEINS AND METHODS FOR PRODUCING THE
PROTEINS

Assistant Commissioner for Patents
Washington, D.C. 20231

AMENDMENT AND RESPONSE

Sir:

This paper is responsive to the Office Action mailed from the U.S. Patent Office on August 10, 2001 for the above-referenced application. A petition for a one month extension of time up to and including December 10, 2001 and fee are submitted herewith. Should additional fees be required, please charge deposit account no. 20-0531. Please enter the following amendments and consider the remarks below.

In the Claims:

Please cancel claim 36 without prejudice to its entry into a related application, and amend claim 49 as follows:

Sub F17 1349. (Amended) A monoclonal antibody comprising a binding site which binds to osteoclastogenesis inhibitory factor protein, said protein characterized by:

- (a) molecular weights as determined by SDS-polyacrylamide gel electrophoresis (SDS-PAGE) of approximately 60 kD under reducing conditions, and approximately 60 kD (a monomer) and 120 kD (a homodimer) under non-reducing conditions;